320 APEX

VIBRATORY DRIVER / EXTRACTOR

120 tons of drive force and 87 tons of line pull. Runs on the Antaeus 500 HP or 800 HP Power Unit.



DRIVE & EXTRACT | TIER 4 / STAGE 5

3,200 in-lb
ECCENTRIC MOMENT · 36.9 KG·M

120 tons
DRIVE FORCE · 1,068 KN

400 – 1,650
VPM · VARIABLE FREQUENCY

WHY THE 320 APEX

Two power options
Run it on the Antaeus 500 HP Power Unit, or the 800 HP unit you already own.

87 tons to pull it back
Max line pull rated for extraction work, not just driving.

Ships ready to work
Arrives in its stand with hoses and sheet clamp: 18,500 lb all in.

Runs your attachments
All APE and ICE attachments interchange with Antaeus.

SPECIFICATIONS · 320 APEX

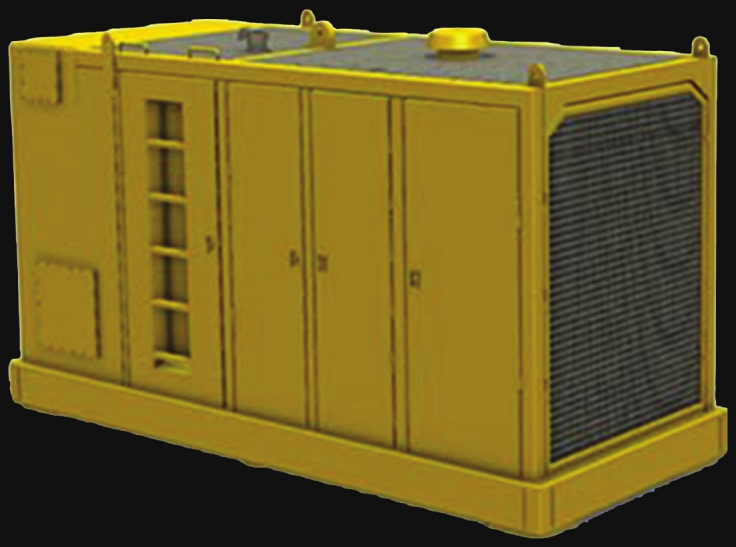
Eccentric moment	3,200 in-lb (36.9 kg·m)
Drive force	120 tons (1,068 kN)
Frequency	400 – 1,650 vpm, variable
Max line pull	87 tons (774 kN)
Vibro weight w/ sheet clamp	14,500 lb (6,577 kg)
Sheet clamp weight	1,470 lb (667 kg)
Ship weight, in stand	18,500 lb (8,391 kg)
Throat width	16.75 in (425 mm)
Length	94 in (2,388 mm)
Height w/o clamp	80 in (2,032 mm)
Power unit	Antaeus 500 HP or 800 HP

Ship weight includes stand, hoses and sheet clamp. Tons are US short tons.

MATCHED POWER

500 HP POWER UNIT

CAT C13B · Tier 4 / Stage 5. 456 HP rated, 500 HP peak.



500 HP
PEAK · 456 HP RATED

170 gpm
DRIVE FLOW · 644 L/MIN

4,500 psi
DRIVE PRESSURE · 310 BAR

ENGINE & HYDRAULICS

Engine	Caterpillar C13B
Emissions	Tier 4 / Stage 5
Horsepower, rated	456 HP (340 kW)
Horsepower, peak	500 HP (373 kW)
Engine speed	1,800 rpm
Drive pressure	4,500 psi (310 bar)
Drive flow	170 gpm (644 L/min)
Clamp pressure	4,800 psi (331 bar)
Clamp flow	10 gpm (38 L/min)

DIMENSIONS & CAPACITIES

Wet weight (all fluids)	19,700 lb (8,936 kg)
Length	144 in (366 cm)
Width	77 in (196 cm)
Height	82 in (208 cm)
Main hydraulic reservoir	680 gal (2,574 L)
Spare hydraulic reservoir	55 gal (208 L)
Fuel capacity	140 gal (530 L)

Made in USA
Built by Antaeus in Seattle.

Spare oil on board
55 gal spare reservoir. Top up on the job.

CAT under the hood
C13B parts and support through CAT dealers.

ALSO RUNS ON 800 HP
The 320 Apex also runs on the Antaeus 800 HP Power Unit: CAT C18, Tier 4 Final / Stage 5.

Specifications may vary due to site conditions or product setup, and may change without notice. Metric values converted from imperial.